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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT "B"

APPLICANT: Oliver Heid GROUP ART UNIT: 2862
SERIAL NO.: 09/840,577 EXAMINER: D. Vargas
FILED: April 23, 2001 CONFIRMATION NO.: 3801
TITLE: "ELECTRICAL COIL"

Assistant Commissioner for Patents,
Washington, D.C. 20231

S I R:

In response to the Office Action dated November 14, 2002, Applicant
herewith amends the application as follows.

IN THE TITLE:

Please revise the title to read: --Magnetic Resonance Gradient Coil
With A Heat Insulator Disposed Between The Electrical Conductor And The
Carrier Structure--.

IN THE CLAIMS:

Claim 1 has been amended as follows:

1. (Amended) An electrical coil suitable for use as a gradient coil
for a magnetic resonance apparatus, comprising:
at least one electrical conductor;
a carrier structure for said electrical conductor which fixes said
electrical conduct or in a predetermined arrangement;
a cooling device component disposed in thermal communication with
said electrical conductor for cooling said electrical conductor;
and

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